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TCS-80346/65

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March 1965

PHOTOGRAPHIC INTERPRETATION REPORT

OAK - PART IV
MISSION 1017-1

26 FEBRUARY - 2 MARCH 1965



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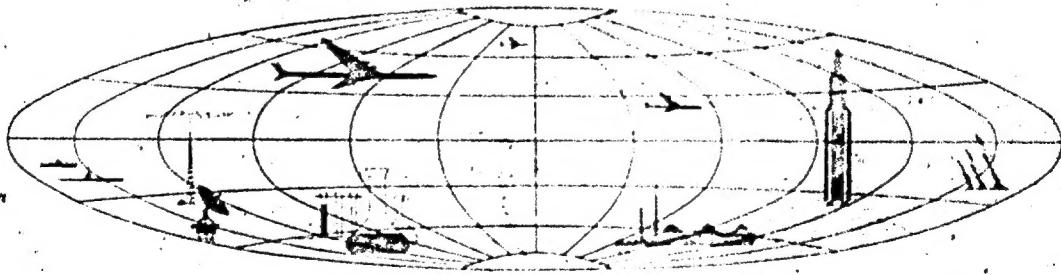
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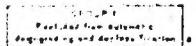
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OAK - PART IV

MISSION 1017-1

PREFACE

THIS IS THE FOURTH AND LAST OAK REPORT ON MISSION 1017-1 AND PROVIDES INFORMATION ON THOSE COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). FRAMES ARE INDICATED BY THE LETTERS FR. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. ABSENCE OF THESE LETTERS INDICATES THAT THESE ARE FRAME AND INDEX NUMBERS. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), H (HAZE), CS (CLOUD SHADOW), HC (HEAVY CLOUD COVER), SC (SCATTERED CLOUD COVER), SD (SEMITDARKNESS), O (OBLIQUITY), S (SNOW), PQ (POOR IMAGE QUALITY).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERAL DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS.

25X1D

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Highlights

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HIGHLIGHTS

25X1A 1. TYURATAM MISSILE TEST CENTER

THE CENTER IS COVERED ON CLOUD-FREE PHOTOGRAPHY. THERE IS RESIDUAL GROUND SNOW OVER THE ENTIRE RANGEHEAD, AND HEAVIER SNOW COVER AT THE EAST END OF THE RANGE. MISSILE GANTRIES ARE ON THE LAUNCH PADS AT G4 AND G5 AND A POSSIBLE MISSILE IS ERECTED ON PAD C1. A NEWLY IDENTIFIED POSSIBLE LAUNCH GROUP CONSISTING OF 7 AREAS IS UNDER CONSTRUCTION IN THE VICINITY OF LAUNCH COMPLEXES F, G, AND K. MAJOR COMPONENTS OF LAUNCH AREA K3 HAVE BEEN RE-EXCAVATED.

25X1A 2. NOVOSIBIRSK ICBM COMPLEX

LAUNCH AREA C, A TYPE IIIA LAUNCH SITE, IS NOW COMPLETE.

25X1A 3. KARTALY ICBM COMPLEX

TWO NEW LAUNCH SITES HAVE BEEN IDENTIFIED AT THE COMPLEX. LAUNCH SITE G IS LOCATED AT 53-09N 060-42E, APPROXIMATELY 8 NM NE OF THE COMPLEX SUPPORT FACILITY AND LAUNCH SITE H IS LOCATED AT 53-07N 060-35E, APPROXIMATELY 4.7 NM NORTH OF THE COMPLEX SUPPORT FACILITY. A RAIL-TO-ROAD TRANSFER POINT CAN NOW BE CONFIRMED NEAR THE TERMINUS OF THE SPUR WHICH EXTENDS SW APPROXIMATELY 1.5 NM FROM THE COMPLEX SUPPORT FACILITY.

25X1A 4. LENINGRAD PROBABLE AMM AREA

NORTHWEST COMPLEX -- DARK OBJECTS, POSSIBLY EQUIPMENT, ARE APPARENT AT THE LAUNCH POINTS OF THE LAUNCH

25X1D POSITIONS WITHIN SITES C, D, AND E AND AN UNIDENTIFIED OBJECT, VISIBLE PORTION MEASURING APPROXIMATELY [REDACTED] PROTRUDES FROM THE MISSILE READY BUILDING AND EXTENDS TOWARD THE LAUNCH POINT AT LAUNCH POSITION C-3.

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5. LENINGRAD SOLID PROP PROC & TEST SITE (MISSILE BONUS)

ACTIVITY IS INDICATED BY A BLAST MARK AT THE EASTERNMOST HORIZONTAL TEST CELL.

STATUS OF COMOR TARGET READOUT

FOURTEEN COMOR TARGETS WERE OBSERVED IN THIS REPORTING PERIOD AND ARE COVERED IN THIS OAK. A TOTAL OF 152 TARGETS WERE REPORTED AND ARE LISTED IN THE INDEX AT THE CONCLUSION OF THIS REPORT.

TABULAR SUMMARY

A RECAPITULATION OF SIGNIFICANT ACTIVITY IS PRESENTED IN THE FOLLOWING TABLES ON SUCCEEDING PAGES --

- TABLE 1 -- SOVIET ICBM DEPLOYMENT
- TABLE 2 -- SOVIET MRBM AND IRBM DEPLOYMENT
- TABLE 3 -- SAM AND AMM DEPLOYMENT
- TABLE 4 -- NUCLEAR ENERGY ACTIVITY
- TABLE 5 -- AIRCRAFT ACTIVITY
- TABLE 6 -- SUBMARINE ACTIVITY
- TABLE 7 -- DATE AND TIME OF PHOTOGRAPHIC PASSES

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Table 1. Soviet ICBM Deployment

Complex	Launch Area												Total Soft Sites	Total Hard Sites	Total Single Sites	Total Launch Positions	Last Effective Coverage
	A	B	C	D	E	F	G	H	I	J	K	L					
Alyesk	U	U	U	U	W	W	U						6	6	6		
Dombanovskiy	M	M	M	M	E								5	5	5		
Druyanaya	C	C	C	C	C	C	C	C					3	12(11)	9(11)	24(11)	
Gladkaya	C	C		C	E								2	10(4)	9(11)	16(4)	
Imen' Gostello	U	U	U	U	U	U	U						6	6	6		
Italka	C	C	C										3				6
Kartaly	W	W	W	M	M	W	W	E	E				6	8	8		
Kostroma	C	C	C	C	C	C	C	C					6	1			15
Kozol'sk	C	C		C	C	C							3	2			12
Novosibirsk	C	C	C	C	C	C							3	2			12
Olovyanaya	C	C	C	M	M	W							23(21)	20(21)	29(21)		
Omsk	C												1				3
Perm	C	C	C	C	C	C							5	1			13
Plesetsk*	C	C	C	C	C	C	C	E	E				10*	1			19
Shadrinsk	C	C	C										3				9
Slobodnyy	C	C	C	C	C	C	C	C	C				7	1			17
Tatishchevo	W**	E*											20	20	20		
Teykovo	C	C	C	C	C	C							6				12
Tyumen	C	C											2				4
Uzbur	W	W	W	W	W	W	W	W	W	W	W	E	0	10(11)	10(11)	10(11)	
Verkhnyaya Salda	C	C	C	C	C	C	C	C	C	C	C		7	2			20
Yedrovo	C	C	C	C	C	C	C	C	C	C	C		6	2			14
Yoshkar-Ola	C	C	C	C	C	C	C	C	C	C	C		6				12
Yurya	C	C	C	C	C	C	C	C	C	C	C		8	5			25
Zhangiz-Tobe	M	M	M	M	M	M	M	E					6	6	6		6
Deployment Total													77	123(81)	99(81)	327(81)	
Tyuratam MTC	C	C	C	C	C	C	L	C	W	M	W		10	16(7)	16(7)	48(7)	
Grand Total													87	141(15)	118(15)	370(15)	

*Includes Launch Points I-IV, complete, but does not include 2 SSM pads at Launch Area F
**Carried as Launch Group

**Carried as Launch Group

†Possible

Covered by current mission

Construction Status (C-complete, L-late, M-mid, E-early)

Newly identified

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Table 2. Soviet MRBM and IRBM Deployment

Geographic Area	Soft MRBM Launch Areas	Soft IRBM Launch Areas	Hard MRBM Launch Areas	Hard IRBM Launch Areas	Total Launch Areas	Total Launch Positions
Western	121	11	18	11	161	633
Caucasus	3		2	3	8	29
Central Asia	2	3	1	3	9	33
Far Eastern	10	1		1	12	47
Totals	136	15	21	18	190	742

Totals do not include 73 fixed field-type sites with total of 287 launch positions and one launch facility at Sovetskaya Gavan.

Table 3. SAM and AMM Deployment

*Does not include 4 alternate sites, USSR.

***Includes 1 suspect complex.

**Does not include 24 abandoned sites.

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Airfield	Last Effect. Coverage	Previous Significant Aircraft Count														Observed this Mission											
		BININ	BEIR	BUDAK	BUDAK	BUDAK	WATSON	WATSON	FIDLER	FITTER	FNUED	FNUED	FNUED	FNUED	BLIN	RUDER	RUDER	RUDER	RUDER	RUDER	RUDER	FNUED	FNUED	FNUED	FNUED	FNUED	
Akhtubinsk Vladimirovka		27	41								33																
Aleksyevka		25*									25																
Aksovo Gorodishche		36									36																
Arkhangelik Khola*		201									20																
Artem North		30									30	29														30	
Barnaulik*		24	51								29																
Belya		631									63																
Belya Tserkov		6	42								46																
Bolevyik*		58									58																
Borzya NN		6									6	6														6	
Byshev*		271									27																
Chepelevka*		39									39																
Chernova-Glazakovo		10									10	101														10	
Dolom*		412 B/B									45																
Engels*		27 B/B									45																
Gomel Probyti		35									39	33														33	
Kalinin*		9	36								45																
Kaliningrad Provoren		52									52	54														54	
Karamuk		16	37								47	29														29	
Kazan A/C Pit 22		29									29																
Kharov East		3	11								26																
Kharov East		47	61 2*																								
Mai Yavr		77									7																
Melitopol		8									9	10															
Minsk Machalishche		3									0																
Mergorod		34									34																
Moscow Kamenka koya		8	3	18**	9	1					31	36	5 B/B	12	4	1										29	
Mosdol*																											
Nechta		23									23																
Nikolayev Kulikino		432									43																
Oktiabreyskoye		21									21																
Olenegorsk		10									10																
Orsha Southwest		35									35																
Ostrov Gorukhovka		26									26																
Petrovskiy Yelizovo		10									12	29															
Poltava*		61									61																
Priluki*		27									27																
Romanovka West		20									20																
Ryazan Dyugilevo		51	17								94	21B/B	27													81	
Sak		22	5								27																
Sarabuz		24									24																
Severomorsk		12	59								58																
Sosulin*		221 B/B									221																
Soltau*		27									27																
Spets Dalmay East		21									24	332														41	
Sryyy*		37									30																
Tarts		282									26																
Ukraine*		44 B/B									44	16 B/B	32													42	
Ussuriysk Vozdvizhenska*		56									56																
Zhitomir Skomorokhi*		921 17									30																
TOTALS		45	49	1129	111	1					12	2	1486	33	166	33	1									301	
		114 B/B																									

* POSSIBLE ** PROBABLE **BADGER CAMEL B/C BEAR CLEAT

25X9

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25X1D

Table 6. Submarine Activity

Base	Last Effective Coverage	Previous Submarine Count										Observed this Mission	
		Nov. 1944	Nov. 21, 1944	Nov. 22, 1944	Nov. 23, 1944	Nov. 24, 1944	Nov. 25, 1944	Nov. 26, 1944	Nov. 27, 1944	Nov. 28, 1944	Nov. 29, 1944	Nov. 30, 1944	Dec. 1, 1944
Balashikha													
Dunay									1	1	11		
Gorkiy									12	1			
Kronstadt									9	9			
Komsomolsk												61	11
Leningrad												51	5
Lipaysk									97	9			
Litsa Bay									4	4		2	
Magadan									31	8		71	31
Olenya Guba									3	3			1
Pechenga									41	7			41
Petrovskoye/Kanchatskiy	21		11	31 F/Z	31 W/R		21		4	17			21
Petrovka									4	8	31		8
Polyarnyy									10	10	11		61
Riga									13 W/R	1			
Roma									31	11 F/Z	45		
Sayda Guba									11	6	20		
Sevastopol									6	6			61
Severodvinsk									1	9	10		
Severomorsk	2								21	21 F/Z	11 W/R	8	12
Sovetskaya Gavan									11				
Sretelk Strait										1	17	4	11
Tallinn												11	12
Ura Guba										61			91
Vladimir'										41			61
Vladivostok												4	
Yokanga										41			41
TOTALS		10	8	1	8	11 F/Z	16 W/R	91	1	185	7	1	88
													100
									24 W/R				

*E-1 Class † POSSIBLE ‡ PROBABLE

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Missiles

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MISSILES

25X1A [REDACTED] VERKHNYAYA SALDA ICBM COMPLEX UR 5802N 06024E

COMPLEX COVERED ON FAIR QUALITY, STEREO PHOTOGRAPHY. NO SIGNIFICANT CHANGE IN THE COMPLEX SUPPORT FACILITY, RAIL-TO-ROAD TRANSFER POINT, [REDACTED]

25X9 [REDACTED] AUXILIARY SUPPORT FACILITY

25X1D SINCE [REDACTED] NO SIGNIFICANT CHANGE IN THE UNIDENTIFIED AREA NORTH OF THE AUXILIARY

25X1D SUPPORT FACILITY SINCE [REDACTED]

25X1D NO SIGNIFICANT CHANGE SINCE [REDACTED] IN LAUNCH AREAS A (SITE 2), B (SITE 1), C (SITE 3), D (SITE 4), E (SITE 5), F (SITE 7), G (SITE 8), H (SITE 9), AND I (SITE 10). LAUNCH PADS ARE SNOW COVERED AT LAUNCH AREAS A, B, C, D, E, H, AND I. THE SILO DOORS ARE CLEARED OF SNOW AT LAUNCH AREA G, AND SNOW COVERED AT AREA F. NO VEHICULAR ACTIVITY OBSERVED.

NO ABM ACTIVITY OBSERVED WITHIN 50-NM RADIUS SEARCH AREA ON CLEAR, SNOW-COVERED PHOTOGRAPHY.

25X1D [REDACTED]

25X1A [REDACTED] TYURATAM MISSILE TEST CENTER UR 4538N 06317E

A POSSIBLE LAUNCH GROUP CONSISTING OF 7 AREAS OF CONSTRUCTION ACTIVITY IS NEWLY IDENTIFIED AT THE WEST END OF THE RANGEHEAD IN THE VICINITY OF LAUNCH COMPLEXES F, G, AND K. ONE OF THESE CONSTRUCTION SITES IS LOCATED NEAR LAUNCH COMPLEX K, AND THE OTHER 6 CONSTRUCTION SITES ARE ARRANGED IN A GENERALLY CIRCULAR CONFIGURATION AROUND IT. THE SITES ARE ALL IN AN EARLY STAGE OF CONSTRUCTION. THE TYPE OF SITE CANNOT BE POSITIVELY DETERMINED. THESE AREAS OF CONSTRUCTION ARE EVALUATED AS A POSSIBLE LAUNCH GROUP BECAUSE OF THE POSSIBILITY OF SILOS UNDER CONSTRUCTION, THEIR ARRANGEMENT, SPACING, AND EVIDENCE OF PROBABLE DITCHING BETWEEN CONSTRUCTION AREAS.

AREA OF CONSTRUCTION NO 1 --

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25X1D AREA NO 1 IS LOCATED APPROXIMATELY 5,000 FT SOUTH OF LAUNCH AREA K3. THERE WAS NO EVIDENCE OF THIS ACTIVITY ON [REDACTED] THE SITE CONSISTS OF A SHALLOW EXCAVATION HAVING 3 PROBABLE DITCHES RADIATING FROM IT. ONE EXTENDS NE TOWARD CONSTRUCTION AREA NO 2, ONE EXTENDS SOUTHWARD, AND 1 EXTENDS TO THE NW.

AREA OF CONSTRUCTION NO 2 --

25X1D AREA NO 2 IS LOCATED 3.4 NM NNE OF AREA NO 1.
25X1D THERE WAS NO EVIDENCE OF ACTIVITY ON [REDACTED]
25X1D FIRST ACTIVITY IS IDENTIFIED ON [REDACTED]
25X1D THE SITE CONSISTS OF A SHALLOW EXCAVATION CONTAINING A CIRCULAR OBJECT, POSSIBLY A SILO.

AREA OF CONSTRUCTION NO 3 --

25X1D AREA NO 3 IS LOCATED 3.4 NM SE OF AREA NO 1.
25X1D THERE WAS NO EVIDENCE OF ACTIVITY ON [REDACTED]
25X1D AND A POSSIBILITY OF ACTIVITY ON [REDACTED]
25X1D THE SITE CONSISTS OF A SHALLOW EXCAVATION IN THE APPROXIMATE CENTER OF A TRAPEZOIDAL SECURITY FENCE. A CIRCULAR OBJECT, POSSIBLY A SILO, IS IN THE EXCAVATION. PROBABLE DITCHING EXTENDS SW TO CONSTRUCTION AREA NO 4, AND THEN SOUTHWARDS FOR A SHORT DISTANCE.

AREA OF CONSTRUCTION NO 4 --

25X1D AREA NO 4 IS LOCATED 4.4 NM SSW OF AREA NO 1.
25X1D THERE WAS NO EVIDENCE OF ACTIVITY ON [REDACTED]
25X1D AND POSSIBLE ACTIVITY IS IDENTIFIED ON [REDACTED]
25X1D THE SITE CONSISTS OF A LINEAR EXCAVATION WITH A POSSIBLE SILO CORING IN IT. A SMALL STRUCTURE IS NEARBY.

AREA OF CONSTRUCTION NO 5 --

25X1D AREA NO 5 IS LOCATED 4 NM WSW OF AREA NO 1.
25X1D THERE WAS NO EVIDENCE OF ACTIVITY ON [REDACTED]
25X1D AND FIRST ACTIVITY IS IDENTIFIED ON [REDACTED]
25X1D THE SITE CONSISTS OF A LINEAR EXCAVATION WITH A POSSIBLE CIRCULAR SILO IN IT.

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A SMALL STRUCTURE IS NEARBY. UNIMPROVED ROADS EXTEND TO CONSTRUCTION AREA NO 6 AND THE CONSTRUCTION SUPPORT AREA OF THE COMPLEX SUPPORT FACILITY AT LAUNCH COMPLEX G.

AREA OF CONSTRUCTION NO 6 --

25X1D AREA NO 6 IS LOCATED 6.5 NM WNW OF AREA NO 1.
25X1D THERE WAS NO EVIDENCE OF ACTIVITY ON [REDACTED]
25X1D [REDACTED] AND POSSIBLE FIRST EVIDENCE IS OBSERVED ON [REDACTED]
[REDACTED] THE SITE CONSISTS OF A POSSIBLE SILO CORING IN A SHALLOW EXCAVATION.
UNIMPROVED ROADS EXTEND TO AREA NO 5 AND TO THE COMPLEX SUPPORT FACILITY AT LAUNCH COMPLEX G.

AREA OF CONSTRUCTION NO 7 --

25X1D AREA NO 7 IS LOCATED 5.1 NM NNW OF AREA NO 1. THERE WAS NO EVIDENCE OF ACTIVITY ON [REDACTED]
[REDACTED] THE SITE CONSISTS OF A GRADED AREA WITH PROBABLE DITCHING EXTENDING SOUTH AND SW. AN UNIMPROVED ROAD EXTENDS FROM LAUNCH AREA G3-G4 (SITE 11) TO THIS SITE.

LAUNCH COMPLEX A (SITES 1 AND 15) --

25X1D NO SIGNIFICANT CHANGE IN PADS A1 AND A2 OR IN THE SUPPORT FACILITIES SINCE [REDACTED] THE SILO IN LAUNCH AREA A3 IS POSSIBLY BACKFILLED, BUT THE SILO DOES NOT APPEAR TO BE UP TO THE LEVEL OF THE ACCESS ROAD. A NEW DITCH EXTENDS NW FROM A POINT ON THE WEST SIDE OF THE LOOP ROAD, AT WHICH THERE WAS FORMERLY AN EXCAVATION, TO THE FENCE LINE.

LAUNCH COMPLEX B (SITES 2, 16, AND 17) --

25X1D NO SIGNIFICANT CHANGE IN LAUNCH AREAS B1 AND B3 SINCE [REDACTED] OR IN THE SUPPORT FACILITIES SINCE [REDACTED] THE SILO IN LAUNCH AREA B2 APPEARS TO BE BACKFILLED. A NEW DITCH EXTENDS SE, FROM A SMALL STRUCTURE ON THE SOUTH SIDE OF THE ACCESS ROAD, TO THE EAST FENCE LINE.

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LAUNCH COMPLEX C (SITE 3) --

AN OBJECT, POSSIBLY A MISSILE, IS ERECTED ON PAD C1. PHOTOGRAPHIC LIMITATIONS PRECLUDE DETERMINATION OF CONFIGURATION AND SIZE. NO SIGNIFICANT CHANGE IN FACILITIES SINCE [REDACTED]

25X1D
25X1D

LAUNCH COMPLEX D (SITES 4 AND 9) --

25X1D NO SIGNIFICANT CHANGE SINCE [REDACTED]

LAUNCH COMPLEX E (SITE 6) --

25X1D NO SIGNIFICANT CHANGE IN FACILITIES SINCE [REDACTED]
25X1D THE RAIL SPUR REPORTED ON [REDACTED] IS PROBABLY A RAIL EMBANKMENT WITH NO TRACK IN PLACE.

LAUNCH COMPLEX F (SITE 5) --

25X1D NO SIGNIFICANT CHANGE IN FACILITIES SINCE [REDACTED]

LAUNCH COMPLEX G (SITES 7, 11, 12, 18 AND 19) --

25X1D LAUNCH AREA G1-G2 (SITE 7) SHOWS NO SIGNIFICANT CHANGE IN FACILITIES SINCE [REDACTED]
AT LAUNCH AREA G3-G4 (SITE 11), THE GANTRY FOR PAD G4 IS ON THE PAD. DARKNESS OF THE IMAGE PRECLUDES DETERMINATION OF WHETHER OR NOT A MISSILE IS IN THE GANTRY. NO SIGNIFICANT CHANGE IN FACILITIES SINCE [REDACTED]

25X1D AT LAUNCH AREA G5-G6 (SITE 12), THE GANTRY IS ON THE PAD AT G5. DARKNESS OF THE IMAGE PRECLUDES DETERMINATION OF WHETHER OR NOT A MISSILE IS IN THE GANTRY. NO SIGNIFICANT CHANGE IN FACILITIES SINCE [REDACTED]

25X1D AT LAUNCH AREA G7 (SITE 18), NEITHER THE SILO NOR THE BUILDING AT THE INTERSECTION OF THE LEGS OF THE ELECTRONICS FACILITY ARE BACKFILLED. THE DITCHING FROM LAUNCH AREA K1-K2 (SITE 13) NOW TERMINATES AT THE BUILDING AT THE INTERSECTION OF THE LEGS OF THE ELECTRONICS FACILITY. AT LAUNCH AREA G8-G9 (SITE 19), NO SIGNIFICANT CHANGE IS OBSERVED SINCE [REDACTED]

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25X1D NO SIGNIFICANT CHANGE SINCE [REDACTED]
AT THE COMPLEX SUPPORT FACILITY, REVETTED STORAGE
FACILITY

25X9

25X9

25X1D

25X1B



LAUNCH COMPLEX H (SITE 8) --

25X1D NO SIGNIFICANT CHANGE IN FACILITIES SINCE [REDACTED]

25X1D

LAUNCH COMPLEX I (SITE 14) --

THE SILO IS BACKFILLED AND THE BUILDING AT THE
INTERSECTION OF THE LEGS OF THE ELECTRONICS FACILITY
IS PARTIALLY BACKFILLED. A NEW DITCH EXTENDS FROM
A POINT JUST WEST OF THE SILO TO THE WEST FENCELINE.

COMPLEX J --

THE HIGH BAY OF THE LARGE BUILDING IS APPROXIMATELY
HALF ROOFED. THE RAIL EMBANKMENT PARALLEL TO
THE MAIN ROAD HAS BEEN EXTENDED NORTHWARD
APPROXIMATELY 3,000 FT. THE BOTTOM OF THE LARGE
EXCAVATION CAN BE SEEN, BUT NO CONSTRUCTION CAN
BE IDENTIFIED. AN AREA OF CONSTRUCTION ACTIVITY
CONTAINING 3 SHALLOW RECTANGULAR EXCAVATIONS IS
LOCATED APPROXIMATELY 400 FT NW OF THE LARGE
EXCAVATION. A NEW RAIL SPUR ENTERS THE CONSTRUCTION
SUPPORT AREA FROM THE MAIN RAIL SPUR IN COMPLEX J.

LAUNCH COMPLEX K (SITES 13 AND 20) --

NEITHER SILO AT LAUNCH AREA K1-K2 (SITE 13)
APPEARS TO BE UP TO GROUND LEVEL. THE DITCH FROM
LAUNCH AREA G7 CROSSES THE ACCESS ROAD SERVING
K2 AND TERMINATES AT A SMALL UNIDENTIFIED STRUCTURE
NEAR K1. AT LAUNCH AREA K3 (SITE 20), THE
VICINITY OF THE SILO AND THE BUILDING NEAR THE
INTERSECTION OF THE LEGS OF THE ELECTRONICS
FACILITY HAVE EACH BEEN RE-EXCAVATED. DETAILS

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OF THE NATURE OF THE OPERATION IN PROGRESS CANNOT
BE DETERMINED, NOR CAN IT BE ASCERTAINED IF THE
SILO IS INTACT OR BEING MODIFIED.

25X1D

NO SIGNIFICANT CHANGE SINCE

25X1D

AT [REDACTED] THE
PROPELLANT PRODUCTION PLANT, AND THE MAIN SUPPORT
BASE.

25X9

25X1D

PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ON

25X1D

LAUNCH COMPLEX A --

25X1D

LAUNCH COMPLEX B --

25X1D

LAUNCH COMPLEX C --

25X1D

LAUNCH COMPLEX D --

25X1D

LAUNCH COMPLEX E --

25X1D

LAUNCH COMPLEX F --

25X1D

LAUNCH COMPLEX G - LAUNCH AREA G1-G2

25X1D

[REDACTED]

25X1D

LAUNCH COMPLEX G - LAUNCH AREA G3-G4

25X1D

[REDACTED]

25X1D

LAUNCH COMPLEX G - LAUNCH AREA G5-G6

25X1D

[REDACTED]

25X1D

LAUNCH COMPLEX G - LAUNCH AREA G7

25X1D

[REDACTED]

25X1D

LAUNCH COMPLEX G - LAUNCH AREA G8-G9

25X1D

[REDACTED]

25X9

25X1D

LAUNCH COMPLEX G - REVETTED STORAGE AREA

25X1D

[REDACTED]

25X1D

LAUNCH COMPLEX G - COMPLEX SUPPORT FACILITY

25X1D

[REDACTED]

25X1D

LAUNCH COMPLEX H --

25X1D

LAUNCH COMPLEX I --

25X1D

LAUNCH COMPLEX J --

25X1D

LAUNCH COMPLEX K --

AREA OF CONSTRUCTION NO 1 --

AREA OF CONSTRUCTION NO 2 --

AREA OF CONSTRUCTION NO 3 --

AREA OF CONSTRUCTION NO 4 --

AREA OF CONSTRUCTION NO 5 --

AREA OF CONSTRUCTION NO 6 --

25X1D

AREA OF CONSTRUCTION NO 7 --

25X9

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25X1D PROPELLANT PRODUCTION PLANT
25X1D MAIN SUPPORT BASE [REDACTED]

(ATTACHMENTS 1-18)

25X1D [REDACTED]

25X1A [REDACTED] SHADRINSK ICBM COMPLEX UR 5608N 06340E

COMPLEX COVERED ON POOR QUALITY, STEREO
PHOTOGRAPHY WITH GROUND SNOW COVER. NO
SIGNIFICANT CHANGE AT THE COMPLEX SUPPORT FACILITY,
RAIL-TO-ROAD TRANSFER POINT, OR LAUNCH AREAS
A (SITE 1), B (SITE 2), OR C (SITE 3) SINCE

25X1D [REDACTED]

AT LAUNCH AREA A, 2 POSSIBLE TRANSPORTERS/
VEHICLES OBSERVED IN VICINITY OF MIDDLE SILO.
AT LAUNCH AREA C, A TRANSPORTER/VEHICLE IS LOCATED
IN THE VICINITY OF THE RIGHT SILO.

NO ABM ACTIVITY OBSERVED IN 50-NM RADIUS ON
POOR QUALITY, CLOUD-FREE PHOTOGRAPHY.

25X1D [REDACTED]

25X1A [REDACTED] NOVOSIBIRSK ICBM COMPLEX UR 5515N 08259E

COMPLEX COVERED ON FAIR QUALITY, CLOUD-FREE, STEREO
PHOTOGRAPHY WITH GROUND SNOW COVER.

NO SIGNIFICANT CHANGE IN THE COMPLEX SUPPORT
FACILITY, RAIL-TO-ROAD TRANSFER POINT, LAUNCH
AREAS A (SITE 2), B (SITE 1), D (SITE 4), AND E
(SITE 5) SINCE

LAUNCH AREA C (SITE 3), A TYPE IIIA LAUNCH SITE, IS
NOW COMPLETE. A SEPARATE RIM FACILITY IS LOCATED
APPROXIMATELY 2,200 FT SE OF THE LAUNCH SITE
AND IS ALSO COMPLETE.

NO ABM ACTIVITY OBSERVED WITHIN 50-NM-RADIUS SEARCH
AREA.

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25X1D [REDACTED]

25X1A [REDACTED]

DOMBAROVSKIY ICBM COMPLEX UR 5102N 05949E

COMPLEX SUPPORT FACILITY IS CLOUD COVERED AND THE RAIL-TO-ROAD TRANSFER POINT IS IDENTIFICATION ONLY.

25X1D LAUNCH AREA A (SITE 4) REMAINS IN A MID-STAGE OF CONSTRUCTION ALTHOUGH BACKFILLING MAY HAVE STARTED. NO OTHER SIGNIFICANT CHANGES OBSERVED SINCE [REDACTED]. LAUNCH AREA B (SITE 3) REMAINS IN A MID-STAGE OF CONSTRUCTION. A ROW OF PROBABLE FOOTINGS EXTENDS SEVERAL HUNDRED FT NORTH FROM THE EXCAVATION JUST EAST OF THE SILO. THIS IS PROBABLY 1 LEG OF THE L-SHAPED ELECTRONICS FACILITY. A FOURTH LARGE BUILDING IS UNDER CONSTRUCTION AT THE GROUP OF BUILDINGS 2,000 FT SOUTH OF THE SITE. AN ADDITIONAL SMALLER RECTANGULAR BUILDING IS LOCATED JUST NW OF IT. LAUNCH AREA C (SITE 2) REMAINS IN A MID-STAGE OF CONSTRUCTION. NO SIGNIFICANT CHANGE SINCE [REDACTED]. LAUNCH AREA D (SITE 1)

25X1D REMAINS IN A MID-STAGE OF CONSTRUCTION. NO SIGNIFICANT CHANGE SINCE [REDACTED].

25X1D NO ACTIVITY EVIDENT AT LAUNCH SITE. AN UNIDENTIFIED STRUCTURE IS LOCATED ABOUT 700 FT NORTH OF THE SILO. IT WAS PRESENT ON [REDACTED].

25X1D LAUNCH AREA E (SITE 6) REMAINS IN THE EARLY-STAGE OF CONSTRUCTION. THE SECOND LARGE BUILDING AT THE ASSOCIATED GROUP 2,000 FT SOUTH IS NOW COMPLETE. TRACK ACTIVITY LEADS TO AN UNIDENTIFIED STRUCTURE APPROXIMATELY 2,000 FT EAST OF THE SILO. ACTIVITY IS APPARENT WITHIN THE SITE.

NO ABM ACTIVITY OBSERVED IN THE CLOUD-FREE PORTIONS OF THE 50-NM-RADIUS SEARCH AREA.

25X1D [REDACTED]

25X1A [REDACTED]

ALEYSK ICBM COMPLEX UR 5228N 08242E

COMPLEX COVERED ON FAIR QUALITY, STEREO PHOTOGRAPHY. THE COMPLEX SUPPORT FACILITY CONSISTS

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OF A RAILHEAD AND STORAGE AREA, AN ADMINISTRATION AND HOUSING AREA, AND AN AREA OF UNIDENTIFIED ACTIVITY. THE SUPPORT FACILITY CONTAINS APPROXIMATELY 140 BUILDINGS. TWO PARALLEL RAIL SPURS, EACH EXTENDING APPROXIMATELY 1,100-1,300 FT OFF THE MAIN COMPLEX RAIL SPUR, HAVE BEEN ADDED MIDWAY BETWEEN THE RAILHEAD AND STORAGE AREA AND THE UNIDENTIFIED ACTIVITY. NO APPARENT CHANGE IN THE RAIL-TO-ROAD TRANSFER POINT SINCE [REDACTED] TRACK ACTIVITY AND GROUND SCARRING OBSERVED IN THE SNOW IMMEDIATELY WEST OF THE TRANSFER POINT.

25X1D

LAUNCH AREA A (SITE 1) IS STILL IN A MID-STAGE OF CONSTRUCTION. SOME ACTIVITY IS APPARENT WITHIN THE EXCAVATION. SHADOWS OBSCURE DETAILS. THE CONSTRUCTION STATUS OF LAUNCH AREA B (SITE 2) CANNOT BE DETERMINED. DETAILS WITHIN THE EXCAVATION ARE OBSCURED BY GROUND SNOW COVER. AT LAUNCH AREA C (SITE 3), THE CONSTRUCTION STATUS CANNOT BE DETERMINED. THE DETAILS OF THE EXCAVATION ARE OBSCURED BY GROUND SNOW COVER. A NEWLY IDENTIFIED SQUARE-SHAPED EXCAVATION IS VISIBLE ADJACENT TO THE SE SIDE OF THE OBSCURED SILO EXCAVATION. GROUND SCARRING IS ALSO APPARENT APPROXIMATELY 900 FT SW OF THE SILO EXCAVATION. AT LAUNCH AREAS D (SITE 4) AND E (SITE 5), ACTIVITY IS VISIBLE WITHIN THEIR RESPECTIVE SILO EXCAVATIONS, HOWEVER, DETAILS ARE OBSCURED BY SHADOWS. THE CONSTRUCTION STATUS OF LAUNCH AREA F (SITE 6) CANNOT BE DETERMINED DUE TO GROUND SNOW COVER. HOWEVER, EARTH SCARRING IS APPARENT APPROXIMATELY 300 FT SW OF THE OBSCURED SILO EXCAVATION.

NO ABM ACTIVITY OBSERVED WITHIN 50-NM SEARCH RADIUS OF THE COMPLEX.

25X1D

[REDACTED] KARTALY ICBM COMPLEX UR 5302N 06035E

COMPLEX SUPPORT FACILITY CONSISTS OF A RAIL

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HEAD/STORAGE AREA, A SEPARATE BOARD-FENCED AREA, AND AN ADMINISTRATION/HOUSING AREA. THE RAILHEAD/STORAGE AREA CONTAINS 3 RAIL SPURS, 1 LONG BUILDING, AT LEAST 12 SMALLER BUILDINGS, AND OPEN STORAGE AREAS. THE SEPARATE BOARD-FENCED AREA, LOCATED JUST WEST OF THE RAILHEAD, CONTAINS 14 LARGE RECTANGULAR BUILDINGS, 6 SMALLER STRUCTURES, AND 6 OTHER BUILDINGS. THE ADMINISTRATION/HOUSING AREA, LOCATED TO THE EAST OF THE RAILHEAD, CONTAINS 4 LARGE MULTISTORY BUILDINGS, 1 SIMILAR BUILDING UNDER CONSTRUCTION, 2 POSSIBLE FOUNDATIONS FOR SIMILAR BUILDINGS, AND 9 BARRACKS-TYPE BUILDINGS.

A RAIL-TO-ROAD TRANSFER POINT CAN NOW BE CONFIRMED NEAR THE TERMINUS OF THE SPUR WHICH EXTENDS SW APPROXIMATELY 1.5 NM FROM THE COMPLEX SUPPORT FACILITY. IT CONSISTS OF 1 BUILDING AND A LONG NARROW EXCAVATION WHICH IS PROBABLY THE EARLY STAGES OF A BUILDING FOUNDATION.

LAUNCH AREA A (SITE 1) CONTINUES IN A MID-STAGE OF CONSTRUCTION AND SHOWS NO SIGNIFICANT CHANGE SINCE [REDACTED] HOWEVER, AN EXCAVATION WHICH WAS PRESENT ON [REDACTED] IS LOCATED APPROXIMATELY 400 FT SW OF THE SILO EXCAVATION. A RAMP-LIKE STRUCTURE EXTENDS OUT OVER THE SILO. THIS WAS ALSO PRESENT ON [REDACTED] TRACK ACTIVITY INDICATES CONSTRUCTION IS IN PROGRESS.

LAUNCH AREAS B (SITE 2), C (SITE 3), AND D (SITE 4) CONTINUES IN A MID-STAGE OF CONSTRUCTION WITH NO SIGNIFICANT CHANGE OBSERVED SINCE [REDACTED] LAUNCH AREA E (SITE 5) CONTINUES IN A MID-STAGE OF CONSTRUCTION WITH NO SIGNIFICANT CHANGE OBSERVED SINCE [REDACTED] LAUNCH AREA F (SITE 6) IS IN A MID-STAGE OF CONSTRUCTION WITH NO ACTIVITY APPARENT AT THE SITE. TWO BUILDINGS, NEW SINCE [REDACTED] ARE LOCATED APPROXIMATELY 1,800 FT WEST OF THE SILO.

TWO NEW LAUNCH SITES HAVE BEEN IDENTIFIED AT THE COMPLEX. LAUNCH SITE G IS LOCATED AT 53-09N 060-42E, APPROXIMATELY 8 NM NE OF THE COMPLEX SUPPORT FACILITY. IT CAN BE NEGATED ON [REDACTED]

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25X1D

THE SITE IS IN AN EARLY STAGE OF CONSTRUCTION AND APPEARS TO BE SECURED. LAUNCH SITE H IS LOCATED AT 53-07N 060-35E, APPROXIMATELY 4.7 NM NORTH OF THE COMPLEX SUPPORT FACILITY. THE SITE CAN BE NEGATED ON [REDACTED] AND IS FIRST IDENTIFIABLE ON [REDACTED] THE SITE IS IN AN EARLY STAGE OF CONSTRUCTION.

NO ABM ACTIVITY OBSERVED IN 50-NM RADIUS SEARCH AREA.

25X1D

25X1A

IMENI GASTELLO ICBM COMPLEX UR 5107N 06619E

THE COMPLEX IS COVERED ON FAIR QUALITY, STEREO PHOTOGRAPHY WITH GROUND SNOW COVER. A NEW AREA OF UNIDENTIFIED ACTIVITY IS LOCATED IMMEDIATELY SW OF THE RAILHEAD AND STORAGE AREA AT THE COMPLEX SUPPORT FACILITY. THE UNIDENTIFIED ACTIVITY CONSISTS OF TRACK ACTIVITY, GROUND SCARRING, AND A POSSIBLE SMALL BUILDING FOUNDATION. CONSTRUCTION CONTINUES ON THE RAIL AND ROAD RIGHTS-OF-WAY TO THE PROBABLE RAIL-TO-ROAD TRANSFER POINT.

CONSTRUCTION ACTIVITY CONTINUES AT LAUNCH AREA A (SITE 1) WHICH IS IN A MID-STAGE OF CONSTRUCTION. FOUR UNIDENTIFIED AREAS OF GROUND SCARRING, EACH CONTAINING A SMALL OBJECT, ARE IN THE VICINITY OF THE SILO EXCAVATION. THE AREAS ON THE NW, NE, AND SE ARE APPROXIMATELY 590 FT FROM THE SILO STRUCTURE. THE AREA TO THE SW IS APPROXIMATELY 675 FT FROM THE SILO STRUCTURE. LINES DRAWN TO CONNECT OPPOSITE PAIRS OF OBJECTS INTERSECT AT THE SILO STRUCTURE.

CONSTRUCTION ACTIVITY CONTINUES AT LAUNCH AREA B (SITE 2), WHICH IS IN A MID-STAGE OF CONSTRUCTION. EARLY INDICATIONS OF A PROBABLE LOOP ROAD ARE NOW APPARENT.

LAUNCH AREA C (SITE 3) REMAINS IN A MID-STAGE OF CONSTRUCTION. A NEW EXCAVATION, CONTAINING A POSSIBLE OBJECT, IS ADJACENT ON THE SE SIDE OF THE

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SILO EXCAVATION.

25X1D CONSTRUCTION ACTIVITY CONTINUES AT LAUNCH AREA D (SITE 4), WHICH IS IN A MID-STAGE OF CONSTRUCTION. NO SIGNIFICANT CHANGE SINCE [REDACTED]

CONSTRUCTION ACTIVITY CONTINUES AT LAUNCH AREA E (SITE 5), WHICH REMAINS IN A MID-STAGE OF CONSTRUCTION. A PROBABLE SECURITY FENCE UNDER CONSTRUCTION IS NOW VISIBLE TO THE EAST AND WEST OF THE SILO EXCAVATION.

CONSTRUCTION ACTIVITY CONTINUES AT LAUNCH AREA F (SITE 6), WHICH IS NOW IN A MID-STAGE OF CONSTRUCTION. THE SILO STRUCTURE IS VISIBLE WITHIN THE SILO EXCAVATION. FOUR BARRACKS-TYPE AND 3 SMALLER BUILDINGS ARE VISIBLE APPROXIMATELY 3,500 FT ESE OF THE SILO EXCAVATION.

NO ABM ACTIVITY OBSERVED WITHIN 50-NM-RADIUS SEARCH AREA.

25X1D [REDACTED]

25X1A TATISHCHEVO ICBM COMPLEX UR 5140N 04536E [REDACTED]

ENTIRE COMPLEX COVERED ON GOOD QUALITY, SNOW-COVERED STEREO PHOTOGRAPHY. THE COMPLEX SUPPORT FACILITY CONSISTS OF AT LEAST 30 BUILDINGS, AN OPEN STORAGE AREA, AND A MOTOR POOL/VEHICLE PARK. NO SIGNIFICANT CHANGE OBSERVED IN

25X1D THIS FACILITY SINCE [REDACTED] THE RAIL-TO-ROAD TRANSFER POINT NOW CONSISTS OF THE TERMINAL FACILITIES OF A RAIL SPUR WHICH EXTENDS APPROXIMATELY 2 NM NW FROM THE COMPLEX SUPPORT FACILITY. TWO LARGE AND 2 SMALL BUILDINGS AND 3 RAIL SIDINGS ARE NOW PRESENT. APPROXIMATELY 12 BARRACKS-TYPE BUILDINGS HAVE BEEN ADDED TO THE HOUSING AREA JUST SOUTH OF THE RAIL-TO-

25X1D ROAD TRANSFER POINT SINCE [REDACTED]

AT SITES A1 (SITE 1), A2 (SITE 2), A4 (SITE 4), A5 (SITE 5), A7 THROUGH A11 (SITES 7-11), AND LAUNCH GROUP B1-B9 (SITES 12-21), GROUND SNOW COVER OBSCURES DETAIL AND NO ACTIVITY IS APPARENT.

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AT SITES A3 (SITE 3) AND A6 (SITE 6), THE CHARACTERISTIC T-SHAPED LEVEL EARTHEN SILO ACCESS IS NOW APPARENT, HOWEVER, SNOW COVER OBSCURES ADDITIONAL DETAIL AND NO ACTIVITY IS APPARENT. THE 3 SUSPECT AREAS TO THE WEST OF LAUNCH GROUP B ARE ALL SNOW COVERED AND NO CONSTRUCTION ACTIVITY IS APPARENT.

NO ABM ACTIVITY OBSERVED WITHIN 50-NM RADIUS SEARCH AREA.

25X1D



25X1A

SOVETSKAYA GAVAN, MRBM LAUNCH FACILITY UR 4904N 14007E

LAUNCH FACILITY, IDENTIFIED ONLY, WAS REPORTED IN OAK 1017-1, PART III. ONLY EASTERN 50 PERCENT OF 25-NM SEARCH AREA COVERED ON PHOTOGRAPHY. NO ADDITIONAL SSM ACTIVITY OBSERVED IN AREAS COVERED. AREA CANNOT BE NEGATED DUE TO EXTREMELY HEAVY SNOW COVER.

25X1D



25X1A

SARY-SHAGAN ANTIMISSILE TEST CENTER UR 4602N 07334E

ALL FACILITIES AT THE TEST CENTER EXCEPT POSSIBLE INSTRUMENTATION SITES 14 AND 15 ARE COVERED ON FAIR-TO-GOOD QUALITY, STEREO PHOTOGRAPHY. DETAILED INTERPRETATION IS LIMITED BY LIGHT IMAGERY AND GROUND SNOW.

25X1D

LAUNCH COMPLEX A (SITE 2830) -- NO SIGNIFICANT CHANGE SINCE [REDACTED] IN THE SUPPORT AREA OR THE MISSILE STORAGE AND CHECKOUT AREA. PHOTOGRAPHY IS NOT CLEAR ENOUGH TO DETERMINE OCCUPANCY OF LAUNCH SITES AT LAUNCH SITE 1. SOME OF THE VEHICLES OBSERVED

25X1D

ON [REDACTED] IMMEDIATELY EAST OF LAUNCH SITE 1 AND AT ELECTRONICS SITES A AND B, HAVE BEEN MOVED. LAUNCH SITE 2 REMAINS UNOCCUPIED. AN UNIDENTIFIED DARK STREAK IN THE SNOW APPEARS TO ORIGINATE FROM A POINT JUST

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NNE OF LAUNCH POSITION 1 AT SITE 2. POSITIONS 1
THROUGH 4 AT LAUNCH SITE 3 REMAIN ESSENTIALLY
UNCHANGED SINCE [REDACTED] AT
REVETTED LAUNCH POSITION 5, TWO OBJECTS ARE
POSITIONED AT THE EAST END, AND AN OBJECT
WITH HEIGHT (HIGHER THAN THE OBJECT OBSERVED ON
[REDACTED]) IS AT THE WEST END. AT
UNREVETTED LAUNCH POSITION 6, THE OBJECT OR OBJECTS
(TOTAL IMAGE LENGTH APPROXIMATELY [REDACTED]) OBSERVED
ON [REDACTED] ON THE ROAD AT THE WEST
END OF THE POSITION ARE NOT PRESENT OR ARE
FACING IN A DIFFERENT DIRECTION. AN OBJECT/PIECE
OF EQUIPMENT (APPROXIMATELY 65 FT LONG) IS NOW AT
THE WEST END OF THE POSITION AND IS DIRECTED TOWARD
THE EAST END WHERE 2 OBJECTS ARE DEPLOYED.
A VEHICLE IS ON THE ACCESS ROAD NEAR THE
WEST END OF THE POSITION. TRAILAGE OR SNOW
CLEARANCE IS VISIBLE BETWEEN THE 2 ENDS OF THE
POSITION. POSITIONS 1 THROUGH 4 AT LAUNCH SITE 4
ARE BEING CLEARED OF SNOW. SINCE [REDACTED]
[REDACTED] SEVERAL VEHICLES HAVE APPEARED ON AN
APRON JUST SOUTH OF SITE 3, AND 3 UNIDENTIFIED
OBJECTS/VEHICLES (APPROXIMATELY 85 FEET, 105
FEET, AND 105 FT, RESPECTIVELY) ARE SPACED AT
INTERVALS ALONG THE ROAD PARALLELING THE ACCESS
ROAD TO ELECTRONICS SITE B. A FOURTH OBJECT/
VEHICLE, APPROXIMATELY 75 FT LONG, IS VISIBLE IN
THE OPENING OF THE REVETMENT AT THE END OF THIS
ROAD. NO APPARENT CHANGE IN FACILITIES OR
EQUIPMENT IS DISCERNIBLE THROUGH THE SNOW SINCE
[REDACTED] AT LAUNCH SITES 5 AND 6 OR AT
ELECTRONICS SITE C, EXCEPT FOR THE APPEARANCE OF A
NEW OBJECT/VEHICLE JUST WEST OF THE CONTROL BUNKER
AT SITE 5.
LAUNCH COMPLEX B (SITE 1B14) -- NO SIGNIFICANT
CHANGE SINCE [REDACTED] AT
FACILITIES A AND B OR AT THE SUPPORT AREA. THE
ENVIRONMENTAL SHELTERS REMAIN ON THE ROOFS OF
THE 2 SMALL TRIAD BUILDINGS. THE 2 RINGLIKE
STRUCTURES OBSERVED NEAR THE SE AND NW CORNERS OF
THE LARGE TRIAD BUILDING ARE STILL ON THE GROUND
AND A SMALLER RING IS VISIBLE CLOSE TO THE
NW CORNER. THIS SMALL RINGLIKE STRUCTURE MAY BE
THE [REDACTED] DIAMETER DISH ANTENNA WHICH IS NOT
DISCERNIBLE ON THE ROOF OF THE LARGE BUILDING.

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THE ACCESS ROAD HAS BEEN CLEARED OF SNOW FROM THE SUPPORT AREA TO THE BUILDING TRIAD AREA AND TO FACILITY B, BUT NOT AS FAR AS FACILITY A.

COVERAGE OF SITE 13 IS NOT DISTINCT ENOUGH TO IDENTIFY ROOF EQUIPMENT ON THE 3 TRIAD BUILDINGS. NO SIGNIFICANT CHANGE IS NOTED IN THE SUPPORT AREAS. THE BATCH PLANT APPEARS ACTIVE. THE SOUTH-CENTRAL DUAL HEN HOUSE-TYPE STRUCTURE, WHICH HAD BEEN COMPLETE EXTERNALLY, REMAINS UNCHANGED

25X1D SINCE [REDACTED] THE PROBABLE CENTRAL CONTROL BUILDING AT THE SOUTHERN DUAL HEN HOUSE-TYPE STRUCTURE APPEARS TO HAVE BEEN COMPLETED OR ALMOST COMPLETED EXTERNALLY SINCE [REDACTED]

25X1D [REDACTED] DETAILS OF THE 2 LINEAR EXCAVATIONS ARE NOT DISCERNIBLE BECAUSE OF HEAVY SNOW, BUT THERE DOES NOT APPEAR TO HAVE BEEN ANY

25X1D SIGNIFICANT DEVELOPMENT SINCE [REDACTED] WHEN FOOTINGS WERE PRESENT IN BOTH EXCAVATIONS. ACTIVITY IS OBSERVED IN THE SNOW AT THE LINEAR EXCAVATIONS OF THE 2 NORTHERN DUAL HEN HOUSE-TYPE

25X1D STRUCTURES. SINCE [REDACTED] EXCAVATION HAS TAKEN PLACE AT THE NORTHERN HALF OF THE NORTHERN DUAL HEN HOUSE-TYPE STRUCTURE. PROGRESS IS NOTED ON THE PROBABLE CENTRAL CONTROL

25X1D BUILDING AT THE NORTH-CENTRAL DUAL HEN HOUSE-TYPE STRUCTURE SINCE [REDACTED] QUANTITIES OF STORAGE ARE VISIBLE IN THE SNOW JUST WEST OF THE SOUTH-CENTRAL DUAL HEN HOUSE-TYPE STRUCTURE.

25X1D THE OUTLINE OF THE NEW LINEAR SCAR FIRST OBSERVED ON [REDACTED] AND SITUATED APPROXIMATELY 4,120 FT SW OF THE TRANSFORMER

25X1D SUBSTATION IS BARELY DISCERNIBLE THROUGH THE SNOW WITH NO APPRECIABLE CHANGE SINCE [REDACTED]

25X1D A POWERLINE UNDER CONSTRUCTION FROM THE TRANSFORMER SUBSTATION APPEARS TO HAVE REACHED THE MAIN POWERLINE TO THE NORTH. THE FACE

25X1D OF THE HEN HOUSE ANTENNA IN THE SUPPORT BASE IS DARK IN TONE ON [REDACTED] AND IS NOT VISIBLE ON [REDACTED]

25X1D AT INSTRUMENTATION SITE 2, UNIDENTIFIED OBJECTS ARE POSITIONED ON THE GRAY-TONED ROOFS OF THE 3 BUILDINGS OF THE TRIAD. AT INSTRUMENTATION SITES 3 AND 10, THE 110-FT DOME REMAINS DOWN, AND AT INSTRUMENTATION SITE 6, IT REMAINS STANDING. IN THE MAIN HOUSING COMPLEX, THE NEW STRUCTURE JUST SW OF THE PROBABLE RANGE HEADQUARTERS

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COMPLEX CONTROL AREA CAN BE IDENTIFIED AS AN E-SHAPED BUILDING SIMILAR TO THOSE AT SITES 14 AND 15.

TRACKAGE IS OBSERVED IN THE SNOW AT THE LONG DIRT STRIP AND ITS SUPPORT FACILITY AND ON THE ROAD BETWEEN THE STRIP AND THE PRIMARY AIRFIELD. THE NEW ROAD EXTENDING GENERALLY SW FROM INSTRUMENTATION SITE 2 REMAINS UNCHANGED IN LENGTH BUT HAS BEEN CLEARED OF SNOW.

NO SIGNIFICANT CHANGE IS APPARENT AT THE PRIMARY AIRFIELD, THE HEN ROOST ANTENNAS, THE SAM TRAINING CENTER, INSTRUMENTATION SITES 7, 8, 9, 11, AND

12 SINCE [REDACTED] AT THE NEW AIRSTRIP (SNOW COVERED), INSTRUMENTATION SITES 1, 4, 5 SINCE [REDACTED] OR AT THE POSSIBLE FIELD LAUNCH POINT SINCE [REDACTED]

PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS --

25X1D LAUNCH COMPLEX A
25X1D LAUNCH COMPLEX B

25X1D HEN HOUSE ANTENNA

25X1D INSTRUMENTATION SITE 2

25X1D INSTRUMENTATION SITE 10

25X1D DIRT STRIP

25X1D NEW AIRSTRIP

25X1D SITE 13

25X1D [REDACTED]

25X1A [REDACTED] PETROVKA SHIPYARD UR 4307N 13220E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] CONSTRUCTION CONTINUES IN FITTING OUT AREA AND AT SUPPORT FACILITIES.

VESSELS -- 3 PROBABLE E-I-TYPE SSGN, 2 PROBABLE E-II-TYPE SSGN, 1 PROBABLE ATREK ASL, 1 PROBABLE SKORYY DD, 3 PROBABLE W-CLASS SS, 1 PROBABLE COMBATANT APPROXIMATELY 465 FT LOA ON REPAIR WAYS, AND 3 SUBMARINE TRANSPORTERS.

NO NEW SS BASES WITHIN 50 NM OR TO LIMITS OF

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COVERAGE ALONG COAST LINE ON EITHER SIDE OF
PETROVKA.

25X1D [REDACTED]

25X1A [REDACTED]

LENINGRAD PROBABLE AMM AREA UR 5955N 03020E

THE LENINGRAD AREA IS COVERED ON VERY GOOD QUALITY, STEREO PHOTOGRAPHY WITH GROUND SNOW COVER. NO NEW AMM ELECTRONICS EQUIPMENT OR NUCLEAR WEAPONS STORAGE FACILITIES SERVING SITES OR COMPLEXES IDENTIFIED IN A 40-NM RADIUS SEARCH AREA AROUND LENINGRAD. NO MISSILES, MISSILE ASSOCIATED EQUIPMENT, OR RADAR ANTENNAS IDENTIFIED AT THE 3 LENINGRAD PROBABLE AMM LAUNCH COMPLEXES. SNOW HAS BEEN REMOVED ALONG THE LAUNCH AREA ACCESS ROAD AND THE PERIMETER ROADS OF LAUNCH SITES C, D, AND E AT THE NORTHWEST COMPLEX, AS WELL AS WITHIN THE UNIDENTIFIED FACILITY AT THE SOUTHEAST CORNER OF THE COMPLEX.

25X1D

NORTHWEST COMPLEX -- DARK OBJECTS WITH HEIGHT, POSSIBLY EQUIPMENT, ARE APPARENT AT THE LAUNCH POINTS OF THE LAUNCH POSITIONS WITHIN SITES C, D, AND E. AN UNIDENTIFIED OBJECT, VISIBLE PORTION MEASURING APPROXIMATELY [REDACTED] PROTRUDES FROM THE MISSILE READY BUILDING AND EXTENDS TOWARD THE LAUNCH POINT AT LAUNCH POSITION C-3. ADDITIONAL OBJECTS, LESS CLEARLY DISCERNIBLE, APPEAR ON SEVERAL LAUNCH POSITIONS. VEHICLES/PIECES OF EQUIPMENT ARE LOCATED ALONG THE PERIMETER ROAD OPPOSITE 4 OF THE MISSILE READY BUILDINGS AT LAUNCH SITE E. ALL 5 LAUNCH SITE CONTROL BUILDINGS APPEAR TO BE MOUNDED OVER AT THE NORTHWEST COMPLEX. THOSE AT SITES A, D, AND E WERE NOT MOUNDED ON [REDACTED] AN

25X1D

UNIDENTIFIED OBJECT WITH HEIGHT IS LOCATED NEAR THE BASE OF THE ELECTRONICS FACILITY AT THE NORTHEAST OUTRIGGER POSITION. THE ELEVATED STRUCTURE AT THIS LOCATION REMAINS INCOMPLETE.

25X1D

UNIDENTIFIED EQUIPMENT, NOT PRESENT ON [REDACTED] IS POSITIONED ON THE WESTERNMOST MOUND OF THE UNIDENTIFIED FACILITY AND THERE IS POSSIBLY EQUIPMENT ON 2 ADDITIONAL MOUNDS. A GROUND SCAR, NOT PREVIOUSLY OBSERVED,

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EXTENDS FROM THE REVETTED CENTRAL AREA OF THIS FACILITY TOWARD LAUNCH SITE D. THE SA-3 SAM SITE WITHIN THE COMPLEX IS OCCUPIED.

25X1D NORTHEAST COMPLEX -- A DRIVE-THROUGH, FLAT U-SHAPED REVETMENT HAS BEEN CONSTRUCTED BETWEEN THE PROBABLE CONTROL CENTER AND THE HIGH MOUND AT THE NORTHEAST COMPLEX. THIS REVETMENT APPEARED AS AN L-SHAPED STRUCTURE ON [REDACTED] THE HIGH MOUND APPEARS FLAT AT THE TOP. POSSIBLE VEHICLES/PIECES OF EQUIPMENT ARE LOCATED ON THE PERIMETER ROADS OF LAUNCH SITES A, C, AND D.

SOUTHWEST COMPLEX -- TRACKAGE IN THE SNOW IS OBSERVED THROUGHOUT THE SOUTHWEST COMPLEX. VEHICLES/PIECES OF EQUIPMENT ARE LOCATED ALONG THE PERIMETER ROADS OF LAUNCH SITES A, C, AND D. A STRUCTURE OR STRUCTURES, POSSIBLY A REVETTED AREA AND NOT DISCERNIBLE ON EARLIER PHOTOGRAPHY, IS LOCATED APPROXIMATELY 600 FT SW OF THE PROBABLE COMPLEX CONTROL CENTER IN THE DIRECTION OF THE LAUNCH AREA. THIS ACTIVITY IS IN A WOODED AREA AND ALSO INCLUDES AT LEAST 3 PROBABLE NEWLY CLEARED AREAS. AT LEAST 3 OF THE LAUNCH POSITIONS ARE OCCUPIED AT THE SA-3 SAM SITE JUST SW OF THE COMPLEX.

25X1D AMM TRAINING SITE -- A TOWER-LIKE STRUCTURE IS LOCATED AT THE REAR OF THE CURVED BUILDING AT THE POSSIBLE AMM TRAINING SITE. A NEW SECURED AREA, CONSTRUCTED SINCE [REDACTED]

25X1D [REDACTED] IS LOCATED JUST NORTH OF THE SAM TRAINING FACILITY. SIX MOUNDS, POSSIBLY RADAR POSITIONS, IN 2 ROWS OF 3 EACH, ARE LOCATED WITHIN THE SECURED AREA. A NEW BUILDING IS UNDER CONSTRUCTION IN THE SUPPORT AREA OF THE TRAINING SITE.

PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS --

25X1D NORTHWEST COMPLEX [REDACTED]

NORTHEAST COMPLEX [REDACTED]

25X1D SOUTHWEST COMPLEX [REDACTED]
POSSIBLE AMM TRAINING SITE [REDACTED]

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25X1D

(ATTACHMENT 19)

25X1D



BONUS LENINGRAD SOLID PROP PROC & TEST SITE UR 6003N 03036E

25X1D

NO APPARENT CHANGE IN FACILITIES SINCE

A BLAST MARK IS OBSERVED AT THE EASTERNMOST
HORIZONTAL TEST CELL IN THE TEST SECTION
LOCATED IN THE NORTHERN PART OF THE TEST SITE.

25X1D

NO APPARENT CHANGE IN FACILITIES SINCE

**Naval
Activity/
Ports**

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NAVAL ACTIVITY/PORTS

25X1A

GDYNIA NAVAL BASE OKSYWIE PO 5432N 01833E

NO SUBMARINE BUILDING OR LOGISTICS FACILITIES
IDENTIFIED.

VESSELS -- 1 POSSIBLE SMALL SS, 1 PROBABLE DD
APPROXIMATELY 400 FT LOA, 1 PROBABLE DD
APPROXIMATELY 365 FT LOA, AND 1 PROBABLE DE
APPROXIMATELY 305 FT LOA.

25X1D

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**Biological/
Chemical
Warfare**

25X2

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INDEX OF COMOR TARGETS

THIS SECTION CONTAINS A COMPOSITE LIST BY TARGET NUMBER OF ALL COMOR TARGETS OBSERVED DURING THE SCAN OF MISSION 1017-1. THE ROMAN NUMERAL UNDER THE OAK COLUMN INDICATES THE PART OF OAK 1017-1 IN WHICH THE TARGET WAS REPORTED.

COMOR	INSTALLATION NAME	CTY COORDINATES OAK
	PLESETSK ICBM COMPLEX	UR 6256N 04039E III
	VERKHNYAYA SALDA ICBM COMPLEX	UR 5802N 06024E IV
	SUROVATIKHA SUSPECT SSM AREA	UR 5545N 04356E I
	TYURATAM MISSILE TEST CENTER	UR 4538N 06317E IV
	SVOBODNYY ICBM COMPLEX	UR 5146N 12806E III
	DROVYANAYA ICBM COMPLEX	UR 5131N 11300E III
	ITATKA ICBM COMPLEX	UR 5650N 08535E II
	SHADRINSK ICBM COMPLEX	UR 5608N 06348E IV
	YEDROVO ICBM COMPLEX	UR 5751N 03341E III
	UZHUR ICBM COMPLEX	UR 5517N 08949E I
	NOVOSIBIRSK ICBM COMPLEX	UR 5515N 08259E IV
	KOZELSK ICBM COMPLEX	UR 5356N 03549E II
	SARANSK SUSPECT SSM AREA	UR 5411N 04511E I
	OLOVYANNAYA ICBM COMPLEX	UR 5049N 11550E II
	DOMBAROVSKIY ICBM COMPLEX	UR 5102N 05949E IV
	ALEYSK ICBM COMPLEX	UR 5228N 08242E IV
	KARTALY ICBM COMPLEX	UR 5302N 06035E IV
	IMENI GASTELLO ICBM COMPLEX	UR 5107N 06619E IV
	TATISHCHEVO ICBM COMPLEX	UR 5140N 04536E IV
	UZHGOROD MRBM LAUNCH SITE	UR 4833N 02213E II
	ROZHDESTVENKA MRBM LAUNCH SITE	UR 4547N 13343E III
	UGOLNYY MRBM LAUNCH SITE	UR 6447N 17756E II
	GRANOV IRBM LAUNCH SITE 2	UR 4849N 02929E II
	GURLEVO MRBM LAUNCH SITE	UR 5925N 02852E III
	RUDNYA ZLOTINSKAYA MRBM LAUNCH SITE	UR 5104N 02807E II
	SOKAL MRBM LAUNCH SITE 3	UR 5020N 02426E I
	NOVOSYSOYEVKA IRBM LAUNCH SITE 2	UR 4407N 13327E III
	SHIRVANSKAYA MRBM LAUNCH SITE	UR 4425N 03954E II
	SEMENOVKA IRBM LAUNCH SITE 2	UR 4753N 03057E III
	RAMOYE IRBM LAUNCH SITE	UR 6426N 03418E II
	KISHENTSY MRBM LAUNCH SITE	UR 4900N 03013E III
	KALNIK IRBM LAUNCH SITE	UR 4859N 02922E III
	NOVOSYSOYEVKA IRBM LAUNCH SITE 3	UR 4407N 13325E III
	SOVETSKAYA GAVAN MRBM LAUNCH FACILITY	UR 4904N 14007E III
	SOVETSKAYA GAVAN MRBM LAUNCH FACILITY	UR 4904N 14007E IV

25X1A

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TRAKTOVYY IRBM LAUNCH SITE	UR 5325N 06223E III
KAPUSTIN YAR/VLADIMIROVKA MSL TEST CTR	UR 4835N 04545E III
SARY-SHAGAN ANTIMISSILE TEST CENTER	UR 4602N 07334E IV
ZAGORSK ROCKET ENGINE TEST FACILITY	UR 5625N 03810E II
KRASNOYARSK ROCKET ENGINE TEST FACILITY	UR 5605N 09327E I
VORONEZH ROCKET TEST FACILITY	UR 5134N 03908E I
STERLITAMAK STATIC TEST FACILITY	UR 5341N 05558E I
BIYSK STATIC TEST FACILITY	UR 5229N 08507E II
ISFARA SUSPECT SOLID PROPELLANT FACILITY	UR 4007N 07034E I
VERKHNYAYA SALDA STATIC TEST FACILITY	UR 5810N 06057E I
MAKINSK SUSPECT SSM AREA	UR 5234N 07026E III
KRASNAYA GORBATKA SUSPECT SSM AREA	UR 5553N 04146E III
SEVERNYY SUSPECT SSM AREA	UR 6845N 06430E III
ZHDANOV SUSPECT ANTI-SATELLITE LNCH FAC	UR 4705N 03730E II
CHEBARKUL SUSPECT SSM AREA	UR 5458N 06025E III
KOKCHETAV SUSPECT SSM AREA	UR 5317N 06930E III
KUZNETSK SUSPECT SSM AREA	UR 5307N 04636E III
RUBTSOVSK SUSPECT SSM AREA	UR 5130N 08115E III
SEVERODVINSK NAVAL BASE AND SHIPYARD 402	UR 6434N 03949E I
SEVEROMORSK SUSPECT NAVAL MSL STORAGE	UR 6906N 03328E III
KOMSOMOLSK SHIPYARD AMUR 199	UR 5033N 13702E III
GUBA SAYDA SUBMARINE BASE	UR 6915N 03321E III
GUBA OLENYA SUBMARINE BASE	UR 6913N 03323E III
POLYARNYY NAVAL BASE	UR 6912N 03328E III
GUBA LITSA SUBMARINE BASE	UR 6926N 03224E III
GUBA LITSA NAVAL MISSILE STORAGE	UR 6925N 03226E III
GUBA MOTKA NAVAL BASE	UR 6940N 03210E II
TERIBERKA NAVAL BASE	UR 6910N 03508E III
YOKANGA NAVAL BASE AND SHIP REPAIR YARD	UR 6804N 03932E II
VLADIMIR SUBMARINE BASE	UR 4355N 13528E II
ROSTA NAVAL BASE AND SHIPYARD SEVMORPUT	UR 6902N 03304E III
VLADIVOSTOK NAVAL BASE AND SHIPYARD 202	UR 4306N 13156E II
KALININGRAD SUSP NAVAL MISSILE STORAGE	UR 5450N 02028E III
GUBA URA NAVAL BASE	UR 6920N 03249E III
DOLGAYA NAVAL BASE	UR 6915N 03350E III
GUBA PALA NAVAL BASE AND SHIP REPAIR YARDUR	6912N 03326E III
PETROVKA SHIPYARD	UR 4307N 13220E IV
STRELOK STRAIT SUB BASE PAVLOVSKOGO	UR 4252N 13232E III
ZALIV VOSTOK NAVAL BASE LIVADIYA	UR 4252N 13241E II
BUKHTA ABREK NAVAL MISSILE SUPPORT FAC	UR 4255N 13225E III
DUNAY PROBABLE NAVAL MISSILE STORAGE	UR 4256N 13220E III
SOVETSKAYA GAVAN SUBMARINE BASE	UR 4902N 14016E III
SOVETSKAYA GAVAN NVL BASE & SHIPYARD 263	UR 4858N 14017E III
MOSCOW SUSPECT ABM AREA	UR 5545N 03737E II
LENINGRAD PROBABLE AMM AREA	UR 5955N 03020E IV
ANTIPINSKOYE SAM ACTIVITY	UR 5254N 11332E II

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CHOKURDAKH SUSPECT ABM AREA	UR 7037N 14753E	I
AMDERMA SUSPECT ABM RADAR	UR 6943N 06145E	I
OLENEGORSK SUSP AMM ASSOCIATED ACTIVITY	UR 6806N 03355E	I

25X6

ENGELS AIRFIELD	UR 5129N 04611E	I
UKRAINA AIRFIELD	UR 5110N 12826E	II
BORZYA AIRFIELD NORTHWEST	UR 5024N 11623E	I
CHERVONO-GLINSKOYE AIRFIELD	UR 4557N 02923E	I
SPASSK-DALNIY AIRFIELD EAST	UR 4437N 13253E	I
STRYY AIRFIELD	UR 4914N 02348E	II
NORILSK AIRFIELD	UR 6919N 08756E	I
KALININGRAD/PROVEREN AIRFIELD	UR 5446N 02025E	I
BELAYA TSERKOV AIRFIELD	UR 4947N 03001E	I
RYAZAN/DYAGILEVO AIRFIELD	UR 5439N 03935E	I
ZHITOMIR/SKOMOROKHI AIRFIELD	UR 5010N 02844E	I
TIKSI AIRFIELD	UR 7141N 12853E	I
ALEKSEYEVKA AIRFIELD	UR 4915N 14014E	I
ASPIDNOYE AIRFIELD	UR 6921N 16134E	III
VORKUTA AIRFIELD EAST	UR 6727N 06415E	I
USSURIYSK/VOZDVIZHENKA AIRFIELD	UR 4355N 13156E	I
KALININ AIRFIELD	UR 5649N 03545E	I
SOLTSY AIRFIELD	UR 5808N 03020E	I
KHOROL AIRFIELD EAST	UR 4427N 13208E	I
MAL-YAVR AIRFIELD	UR 6852N 03343E	I
ARTEM AIRFIELD NORTH	UR 4323N 13209E	I
NORILSK AIRFIELD NORTHWEST	UR 6923N 08748E	I
TIKSI AIRFIELD WEST	UR 7141N 12842E	I
RAMENSKOYE AIRCRAFT EXPERIMENTAL PLANT	UR 5535N 03807E	I
AKHTUBINSK FLIGHT TEST CENTER	UR 4818N 04611E	III
DEBRECEN AIRFIELD	HU 4730N 02137E	I

25X2

25X1A

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25X2

PECHENGA NAVAL BASE LINAKHAMARI	UR 6939N 03122E	II
KRONSHTADT NAVAL BASE AND SHIPYARD	UR 5959N 02947E	II
GDYNIA NAVAL BASE OKSYWIE	PO 5432N 01833E	IV
PRIOZERSK AREA MTB BASE	UR 6050N 03028E	II
LENINGRAD SHIPYARD ADMIRALTY 194	UR 5955N 03016E	II
LENINGRAD SHIPYARD SUDOMEKH 196	UR 5956N 03017E	II
LENINGRAD SHIPYARD BALTIYSK ORDZHE 189	UR 5955N 03016E	II
LENINGRAD SHIPYARD ZHDANOV 190	UR 5952N 03014E	II
NAKHODKA NAVAL BASE AND PORT	UR 4248N 13254E	I
BELOMORSK CANAL LOCKS	UR 6425N 03430E	II
BALAKOVO PROBABLE LOCK	UR 5202N 04747E	II
GORODETS LOCKS VOLGA RIVER	UR 5640N 04324E	II
SEGEZHA CANAL LOCKS	UR 6352N 03419E	II
POVENETS AREA CANAL LOCKS	UR 6254N 03453E	II
PODPOROZHYE/SVIRSTROY NAVIGATION LOCKS	UR 6055N 03411E	II

25X2

ARKHANGELSK AREA HF COMMUNICATIONS FAC	UR 6418N 04038E	II
MOSCOW SUSPECT AMM PHASED-ARRAY RADAR	UR 5529N 03641E	III
NORILSK COMPLEX	UR 6920N 08812E	II
CHAADAYEVKA SENSITIVE OPERATIONS COMPLEX	UR 5307N 04602E	I
BORISOGLEBSK SENSITIVE OPERATIONS COMPLEX	UR 5125N 04157E	I
BELEV AREA SENSITIVE OPERATIONS COMPLEX	UR 5332N 03630E	I

25X1A

Attachments

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ATTACHMENT 1



LAUNCH COMPLEX A, TYURATAM MISSILE TEST CENTER, USSR

NPIC J-9745 (9/65)

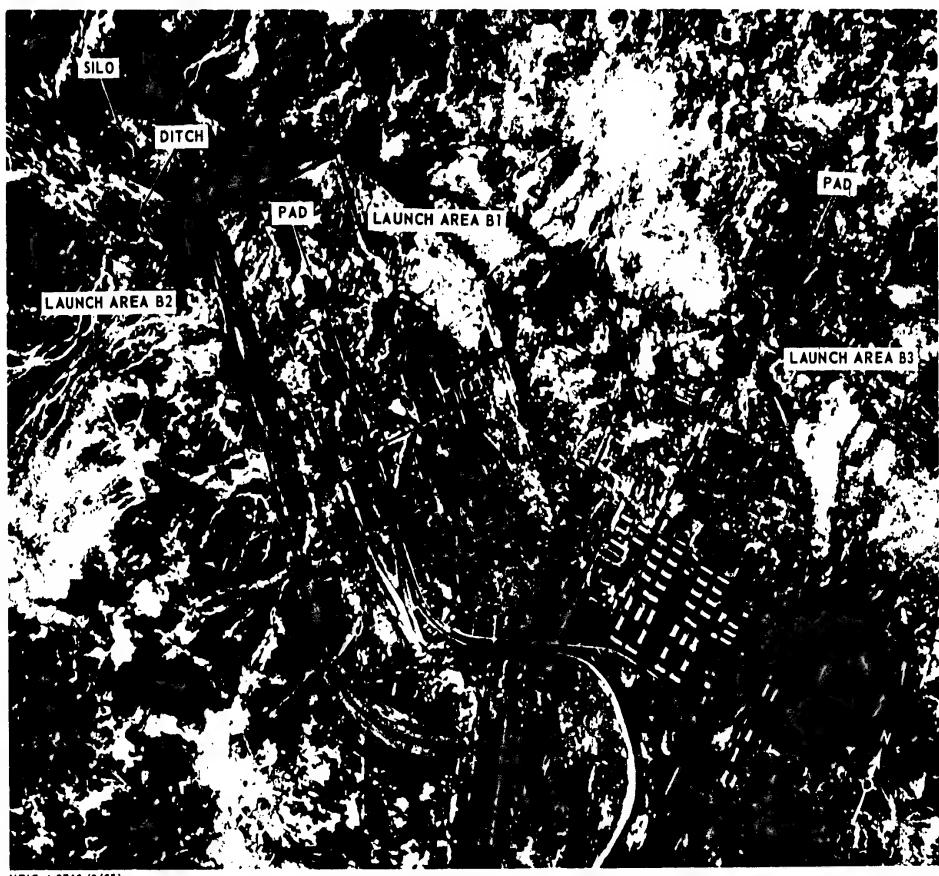
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ATTACHMENT 2



TOP SECRET CHESS RUFF

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ATTACHMENT 3



LAUNCH COMPLEX G, TYURATAM MISSILE TEST CENTER, USSR

NPIC J-9747 (3/65)

Handle Via
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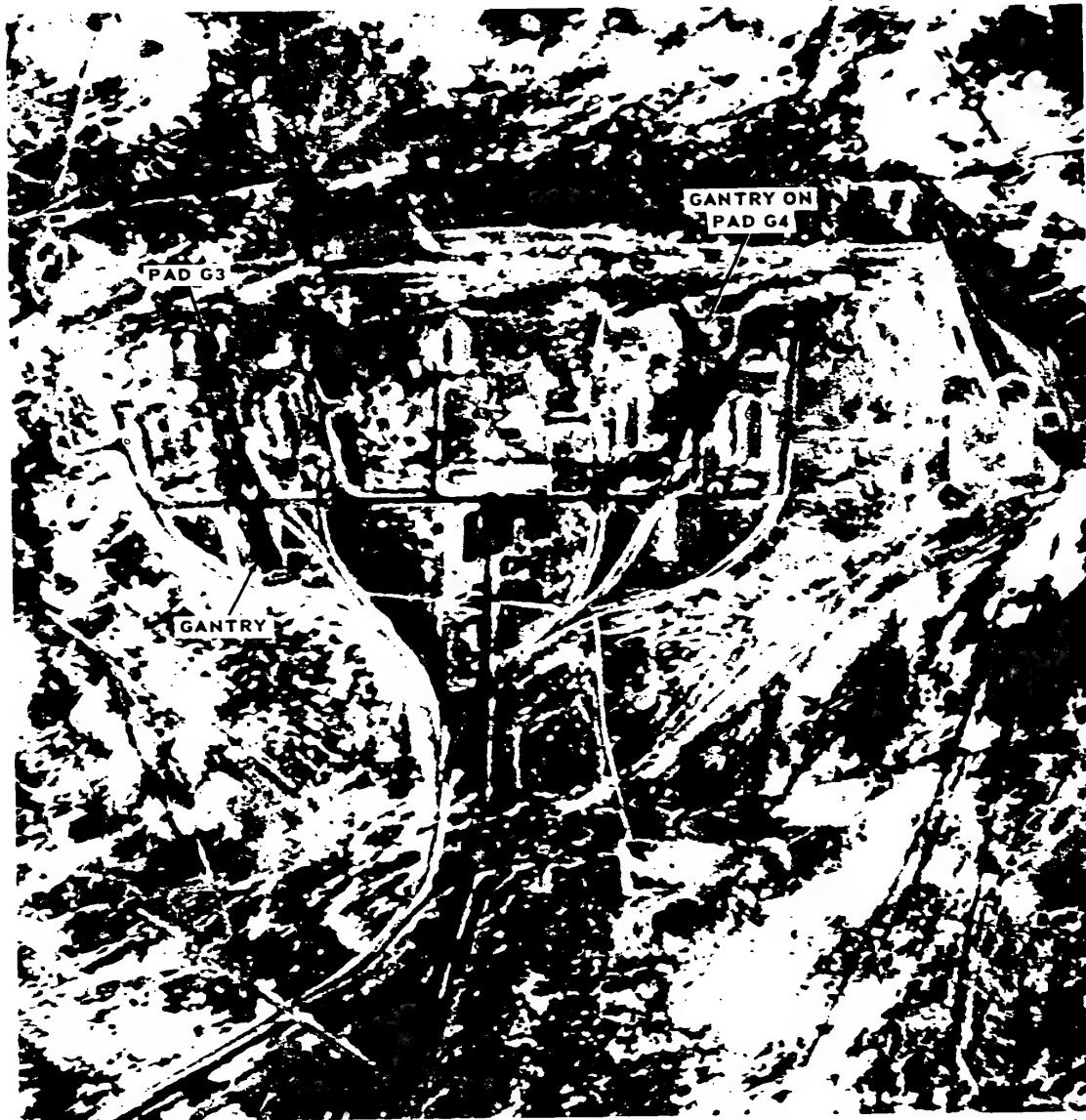
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TOP SECRET CHESS RUFF

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ATTACHMENT 4



NPIC J-9748 (3/65)

LAUNCH COMPLEX G, TYURATAM MISSILE TEST CENTER, USSR

Handle Via
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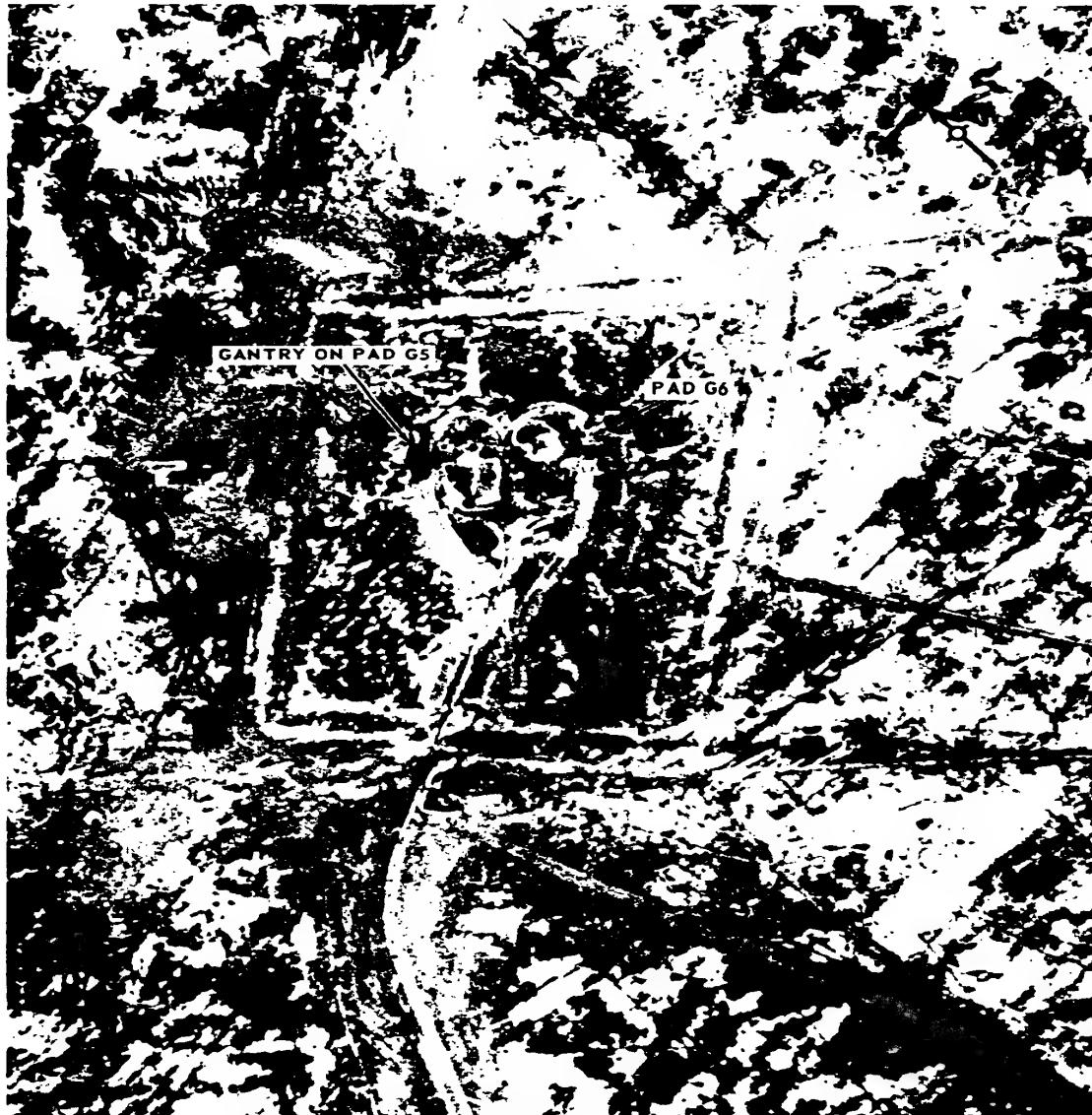
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ATTACHMENT 5



LAUNCH COMPLEX G, TYURATAM MISSILE TEST CENTER, USSR

NPIC J-9749 (3/65)

TOP SECRET CHESS RUFF

Handle Via
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25X9

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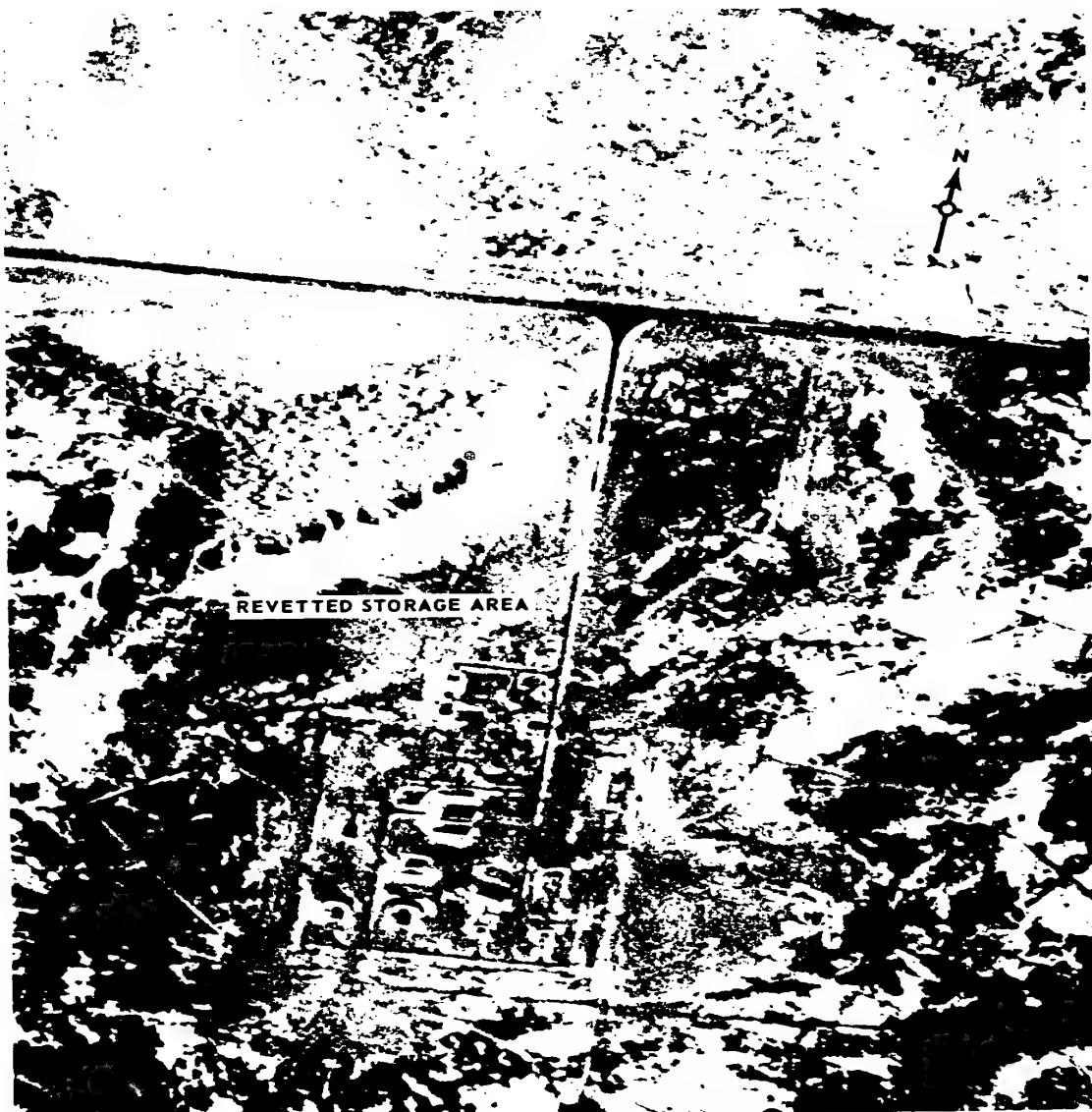
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ATTACHMENT 7



LAUNCH COMPLEX G, TYURATAM MISSILE TEST CENTER, USSR

NPIC J-9781 (5/68)

TOP SECRET CHESS RUFF

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Handle Via
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ATTACHMENT 8



LAUNCH COMPLEX 1, TYURATAM MISSILE TEST CENTER, USSR

NPIC J-9752 (3/65)

Handle Via
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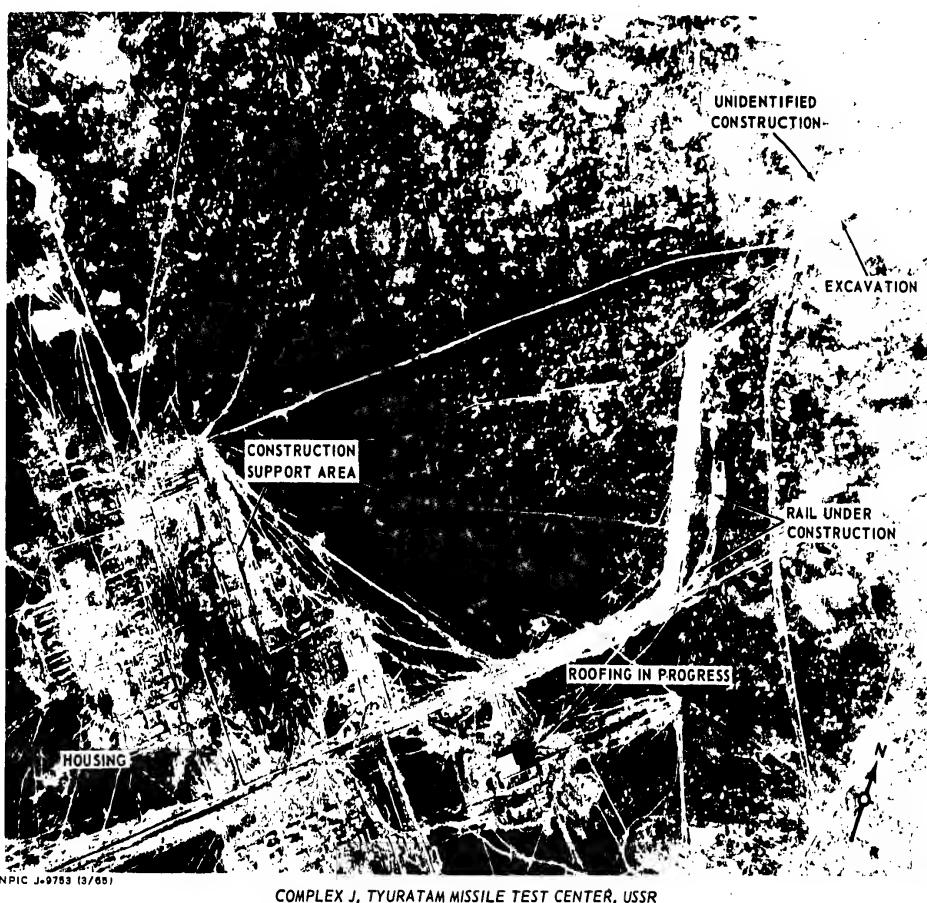
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

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ATTACHMENT 9



TOP SECRET CHESS RUFF

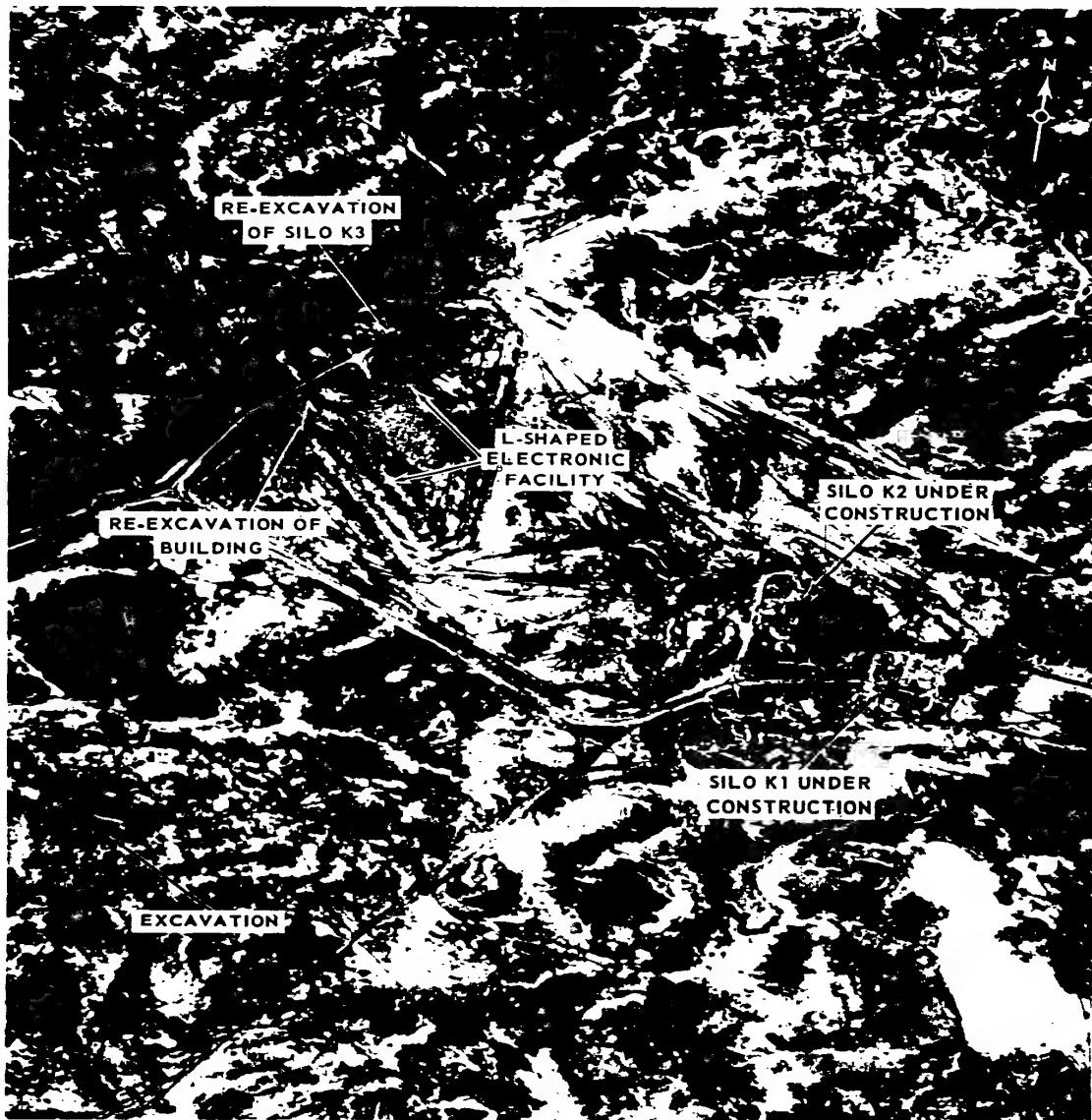
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ATTACHMENT 10



LAUNCH COMPLEX K, TYURATAM MISSILE TEST CENTER, USSR

NPIC J-9754 (3/65)

Handle Via
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TOP SECRET CHESS RUFF

25X9

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Handle Via
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ATTACHMENT 12



NPIC J-9756 (3/65)
POSSIBLE LAUNCH GROUP UNDER CONSTRUCTION, TYURATAM MISSILE TEST CENTER, USSR

Handle Via
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TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

Handle Via
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ATTACHMENT 13

AREA OF CONSTRUCTION 2



NPIC J-9757 (3/65)

POSSIBLE LAUNCH GROUP UNDER CONSTRUCTION, TYURATAM MISSILE TEST CENTER, USSR

Handle Via
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ATTACHMENT 14



NPIC J-9758 (3/68)

POSSIBLE LAUNCH GROUP UNDER CONSTRUCTION, TYURATAM MISSILE TEST CENTER, USSR

Handle Via
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TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

Handle Via
TALENT-KEYHOLE
Control System Only

MISSION 1017-1, 26 FEBRUARY - 2 MARCH 1965

TCS-80346/65
ATTACHMENT 15



NPIC J-9759 (3/65)

POSSIBLE LAUNCH GROUP UNDER CONSTRUCTION, TYURATAM MISSILE TEST CENTER, USSR

TOP SECRET CHESS RUFF

Handle Via
TALENT-KEYHOLE
Control System Only

Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF

MISSION 1017-1, 26 FEBRUARY - 2 MARCH 1965

TCS-80346/65
ATTACHMENT 16



NPIC J-9780 (3/65)

POSSIBLE LAUNCH GROUP UNDER CONSTRUCTION, TYURATAM MISSILE TEST CENTER, USSR

Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

Handle Via
TALENT-KEYHOLE
Control System Only

MISSION 1017-1, 26 FEBRUARY - 2 MARCH 1965

TCS-80346/65
ATTACHMENT 17



NPIC J-9761 (3/65)

POSSIBLE LAUNCH GROUP UNDER CONSTRUCTION, TYURATAM MISSILE TEST CENTER, USSR

Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF

Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF

MISSION 1017-1, 26 FEBRUARY - 2 MARCH 1965

TCS-80346/65
ATTACHMENT 18



POSSIBLE LAUNCH GROUP UNDER CONSTRUCTION, TYURATAM MISSILE TEST CENTER, USSR

TOP SECRET CHESS RUFF

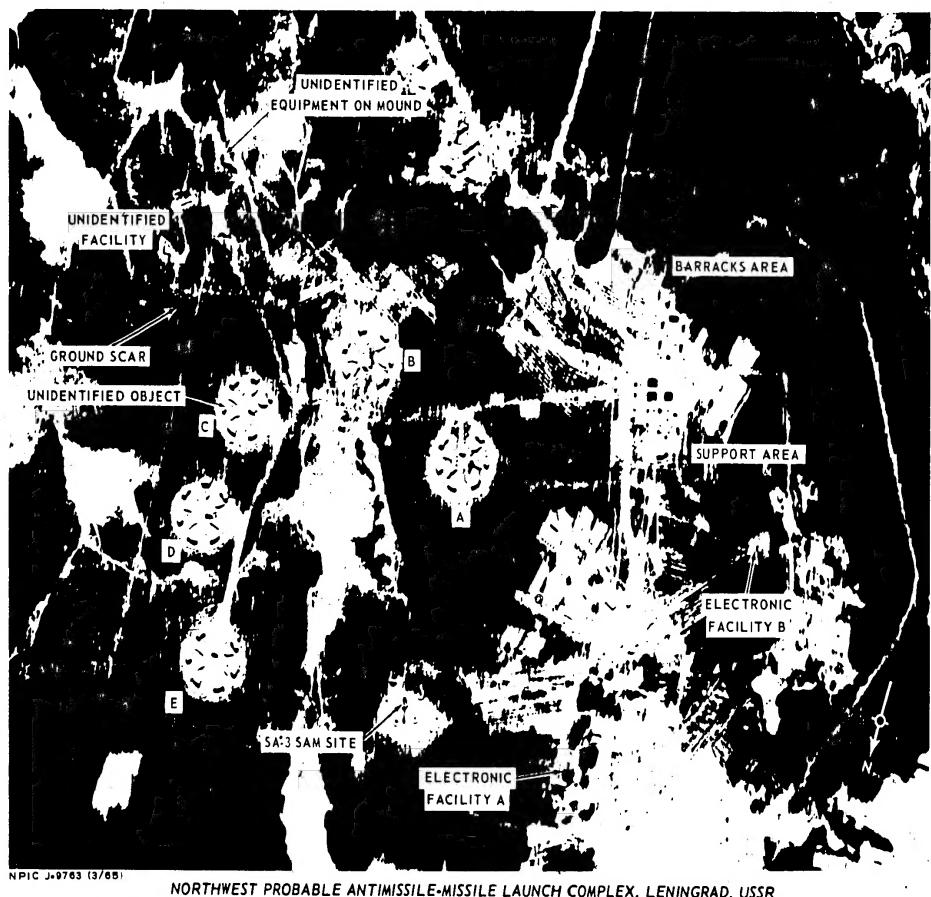
Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF

Handle Via
TALENT-KEYHOLE
Control System Only
MISSION 1017-1, 26 FEBRUARY - 2 MARCH 1965

TCS-80346/65

ATTACHMENT 19



Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF

TOP SECRET

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TOP SECRET